

CERTIFICATE

This is to certify that the thesis entitled **ON SOME SUPPLY CHAIN MANAGEMENT MODELS IN DIFFERENT ENVIRONMENTS** being submitted by **Sri Nilesh Pakhira** for the award of degree of **DOCTOR OF PHILOSOPHY** to **VIDYASAGAR UNIVERSITY** is a record of bonafide research work carried out by him under our guidance and supervision. **Sri Pakhira** has worked in the department of **Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University** to the regulations of this University.

In our opinion, this thesis is of the standard required for the award of the degree of **DOCTOR OF PHILOSOPHY**.

The results, embodied in this thesis, have not been submitted to any University or Institution for the award of any degree or diploma.

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